Listing and Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) Method for bridging a HAVi sub-network and a UPnP sub-network comprising the steps of:

- discovering UPnP devices and/or services on the UPnP sub-network;
- declaration, by a sub-network bridging device, of a discovered UPnP device as a HAVi Device Control Module and of a discovered UPnP service as a HAVi Functional Component Module on the HAVi sub-network, wherein the discovery step is carried out using Simple Service Discovery Protocol (SSDP) functions.

2. (Original) Method according to claim 1, wherein the step of declaring a Device Control Module and Functional Component Module comprises the step of registering in a Registry of the bridging device.

3. Cancelled.

4. (Original) Method for bridging a HAVi sub-network and a UPnP sub-network comprising the steps of:

- discovering HAVi software elements of the HAVi sub-network corresponding to a selection criterion;
- representing, in a sub-network bridging device, each of said discovered elements by a UPnP proxy service identified by a port number attributed by said sub-network bridging device; and
- announcing each of said proxy services on the UPnP sub-network.

5. (Currently Amended) Method according to claim [[3]] 4, wherein the discovery step comprises the step of requesting, by said sub-network bridging device, a list of software elements from its HAVi Registry.

6. (Currently Amended) Method according to claim [[3]] 4, wherein the step of announcing a proxy service comprises transmission of a bridging device address and proxy service port number.

7. (Currently Amended) Method according to claim [[3]] 4, wherein the bridging device maintains a set of configuration data for each proxy service, identifying an associated HAVi software element, said data comprising the software element's identifier.

8. (Currently Amended) Method according to claim [[1]] 4, wherein the selection criterion is HTTP capability.